

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	fluidiz\$4 near5 catalyst size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 10:59
L2	3	flame ioniz\$4 near3 (detector) with composition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 11:03
L3	6	flame ioniz\$4 with composition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 11:09
L4	286	flame near ioniz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 11:09
L5	1122	flame near ioniz\$44 with Gc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 11:10
L6	6	flame near ioniz\$4 with Gc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 11:11
L7	59	flame near ioniz\$4 with chromat\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 11:13
L8	3	7 same propane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 11:13
S2	5444891	separat\$4 near2 membrane or filter\$3 or clean\$3 or clear\$3 or porous near2 (ceramic or material or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:01

## EAST Search History

S3	1869029	puls\$4 or backflow or back flow or revers\$3 near2 flow or flush or backflush or back wash or backwash or (back or revers\$3) near2 (puls\$3 or surg\$3) or blowback or blow near2 (back or backward\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:20
S4	300033	S2 same S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 12:56
S5	146008	S2 with S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 12:56
S6	624	S4 and reactor	EPO; JPO; DERWENT	ADJ	ON	2007/12/07 12:57
S7	282	S6 and control\$3	EPO; JPO; DERWENT	ADJ	ON	2007/12/07 12:57
S8	16	S6 and synchro\$8	EPO; JPO; DERWENT	ADJ	ON	2007/12/07 12:58
S9	7	S6 and fluidiz\$5	EPO; JPO; DERWENT	ADJ	ON	2007/12/07 12:58
S10	207867	frequency near5 (puls\$3 or backpuls\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:03
S11	26973	S10 same filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:04
S12	42	S11 and reactor	EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:04
S13	4108	S11 not inverter not transformer	EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:04
S14	14	S13 and reactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:05
S15	2625	S4 and fluidiz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:06

## EAST Search History

S17	930	S15 and cataly\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:06
S18	54	S17 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:06
S19	54	("1117601"   "2297248"   "3137652"   "3187898"   "3190449"   "3437208"   "3515605"   "3617543"   "3618767"   "3630360"   "3862036").PN. OR ("3997447"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 13:19
S20	372	fluidiz\$4 same cataly\$7 near8 filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 13:20
S21	533	fluidiz\$4 same cataly\$7 near8 filter\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 13:20
S22	109	S21 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:20
S23	548	fluidiz\$4 same cataly\$7 near8 filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:20
S24	110	S23 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:24
S25	87	S24 not magnet\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:47
S26	18	("2548875"   "4650647").PN. OR ("4973458").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 13:30
S27	6	("2548875").URPN.	USPAT	ADJ	ON	2007/12/07 13:33

## EAST Search History

S28	31888	(rate or frequen\$5) near3 high near3 puls\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:47
S29	1214	S28 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:53
S30	22677	S28 not inverter not transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:53
S31	17881	S30 not DC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:48
S32	1203	S31 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:48
S33	537	S31 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:48
S34	36	S33 and catal\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:51
S35	537	S33 not grogins.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:51
S36	499	S33 not gogins.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:51
S37	499	S36 not crofoot.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:52

## EAST Search History

S38	0	S37 and cataly\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:52
S39	0	28same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:52
S40	2800	S28 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:53
S41	1696	S40 not inverter not transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:53
S42	1680	S41 not grogins.in. not crofoot.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:54
S43	23	S42 and cataly\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:53
S44	23	S42 and cataly\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:54
S45	1658	S41 not gogins.in. not crofoot.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:54
S46	89	frequenc\$6 near5 (back flow or backflow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 13:55
S47	26	S46 and filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 08:48